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| UTILITY PATENT APPLICATION TRANSMITTAL <small>(Only for new nonprovisional applications under 37 CFR 1.53(b))</small> | | Attorney Docket No. ZG018US | |
| | | First Inventor Kia Silverbrook | |
| | | Title Inkjet Printhead Chip Having Drive Circuitry for Pre-Heating Ink | |
| | | Express Mail Label No. | |

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|---|---|
| APPLICATION ELEMENTS <small>See MPEP chapter 600 concerning utility patent application contents.</small> 1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) <small>(Submit an original and a duplicate for fee processing)</small> 2. <input type="checkbox"/> Applicant claims small entity status. <small>See 37 CFR 1.27.</small> 3. <input checked="" type="checkbox"/> Specification <small>[Total Pages 60]</small> <small>(preferred arrangement set forth below)</small> <ul style="list-style-type: none">- Descriptive title of the invention- Cross Reference to Related Applications- Statement Regarding Fed sponsored R & D- Reference to sequence listing, a table, or a computer program listing appendix- Background of the Invention- Brief Summary of the Invention- Brief Description of the Drawings (if filed)- Detailed Description- Claim(s)- Abstract of the Disclosure 4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) <small>[Total Sheets 76]</small> 5. Oath or Declaration <small>[Total Pages 3]</small> a. <input checked="" type="checkbox"/> Newly executed (original or copy) b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63 (d)) <small>(for continuation/divisional with Box 17 completed)</small> i. <input type="checkbox"/> DELETION OF INVENTOR(S) <small>Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).</small> 6. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76 | ADDRESS TO: Assistant Commissioner for Patents Box Patent Application Washington, DC 20231 7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) 8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) a. <input type="checkbox"/> Computer Readable Form (CRF) b. Specification Sequence Listing on: i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> paper c. <input type="checkbox"/> Statements verifying identity of above copies ACCOMPANYING APPLICATION PARTS 9. <input checked="" type="checkbox"/> Assignment Papers (cover sheet & document(s)) 10. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of Attorney <small>(when there is an assignee)</small> 11. <input type="checkbox"/> English Translation Document (if applicable) 12. <input checked="" type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations 13. <input type="checkbox"/> Preliminary Amendment 14. <input type="checkbox"/> Return Receipt Postcard (MPEP 503) <small>(Should be specifically itemized)</small> 15. <input type="checkbox"/> Certified Copy of Priority Document(s) <small>(if foreign priority is claimed)</small> 16. <input type="checkbox"/> Other: _____ |
|---|---|

17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:
☒ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: 09 / 966,289
Prior application information: Examiner Raquel Yvette Gordon Group / Art Unit: 2853

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

| | | | | | |
|---|--|---|--|--|--|
| 18. CORRESPONDENCE ADDRESS | | | | | |
| <input checked="" type="checkbox"/> Customer Number or Bar Code Label | | 24011 <small>(Insert Customer No. or Attach bar code label here)</small> | | or <input type="checkbox"/> Correspondence address below | |
| Name KIA SILVERBROOK | | | | | |
| Address 393 Darling Street, | | | | | |
| City Balmain | | State NSW | | Zip Code 2041 | |
| Country Australia | | Telephone +61-2-9818-6633 | | Fax +61-2-9555-7762 | |

| | | |
|--|--|--|
| Name (Print/Type) KIA SILVERBROOK | Registration No. (Attorney/Agent) | |
| Signature  | Date November 6, 2003 | |



16698 U.S. PTO

PTO/SB/17 (10-03)

Approved for use through 07/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 810.00)

Complete if Known

| | |
|----------------------|-----------------|
| Application Number | |
| Filing Date | |
| First Named Inventor | Kia Silverbrook |
| Examiner Name | |
| Art Unit | |
| Attorney Docket No. | ZG018US |

METHOD OF PAYMENT (check all that apply)☒ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None☐ Deposit Account:Deposit Account Number
Deposit Account Name

The Director is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☐ Credit any overpayments☐ Charge any additional fee(s) or any underpayment of fee(s)☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.**FEE CALCULATION****1. BASIC FILING FEE**

| Large Entity | | Small Entity | | Fee Description | Fee Paid |
|--------------|----------|--------------|----------|------------------------|-------------|
| Fee Code | Fee (\$) | Fee Code | Fee (\$) | | |
| 1001 | 770 | 2001 | 385 | Utility filing fee | 770.00 |
| 1002 | 340 | 2002 | 170 | Design filing fee | |
| 1003 | 530 | 2003 | 265 | Plant filing fee | |
| 1004 | 770 | 2004 | 385 | Reissue filing fee | |
| 1005 | 160 | 2005 | 80 | Provisional filing fee | |
| SUBTOTAL (1) | | | | | (\$ 770.00) |

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

| Total Claims | | Extra Claims | | Fee from below | | Fee Paid |
|--------------|-----------|--------------|-----|----------------|----|----------|
| Independent | Dependent | 20** | 3** | 18 | 86 | |
| 6 | 1 | 0 | 0 | 0 | 0 | 0 |
| | | | | | | |

| Large Entity | | Small Entity | | Fee Description |
|--------------|----------|--------------|----------|--|
| Fee Code | Fee (\$) | Fee Code | Fee (\$) | |
| 1202 | 18 | 2202 | 9 | Claims in excess of 20 |
| 1201 | 86 | 2201 | 43 | Independent claims in excess of 3 |
| 1203 | 290 | 2203 | 145 | Multiple dependent claim, if not paid |
| 1204 | 86 | 2204 | 43 | ** Reissue independent claims over original patent |
| 1205 | 18 | 2205 | 9 | ** Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2) (\$)

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

Large Entity Small Entity

| Fee Code | Fee (\$) | Fee Code | Fee (\$) | Fee Description | Fee Paid |
|----------|----------|----------|----------|--|----------|
| 1051 | 130 | 2051 | 65 | Surcharge - late filing fee or oath | |
| 1052 | 50 | 2052 | 25 | Surcharge - late provisional filing fee or cover sheet | |
| 1053 | 130 | 1053 | 130 | Non-English specification | |
| 1812 | 2,520 | 1812 | 2,520 | For filing a request for ex parte reexamination | |
| 1804 | 920* | 1804 | 920* | Requesting publication of SIR prior to Examiner action | |
| 1805 | 1,840* | 1805 | 1,840* | Requesting publication of SIR after Examiner action | |
| 1251 | 110 | 2251 | 55 | Extension for reply within first month | |
| 1252 | 420 | 2252 | 210 | Extension for reply within second month | |
| 1253 | 950 | 2253 | 475 | Extension for reply within third month | |
| 1254 | 1,480 | 2254 | 740 | Extension for reply within fourth month | |
| 1255 | 2,010 | 2255 | 1,005 | Extension for reply within fifth month | |
| 1401 | 330 | 2401 | 165 | Notice of Appeal | |
| 1402 | 330 | 2402 | 165 | Filing a brief in support of an appeal | |
| 1403 | 290 | 2403 | 145 | Request for oral hearing | |
| 1451 | 1,510 | 1451 | 1,510 | Petition to institute a public use proceeding | |
| 1452 | 110 | 2452 | 55 | Petition to revive - unavoidable | |
| 1453 | 1,330 | 2453 | 665 | Petition to revive - unintentional | |
| 1501 | 1,330 | 2501 | 665 | Utility issue fee (or reissue) | |
| 1502 | 480 | 2502 | 240 | Design issue fee | |
| 1503 | 640 | 2503 | 320 | Plant issue fee | |
| 1460 | 130 | 1460 | 130 | Petitions to the Commissioner | |
| 1807 | 50 | 1807 | 50 | Processing fee under 37 CFR 1.17(q) | |
| 1806 | 180 | 1806 | 180 | Submission of Information Disclosure Stmt | |
| 8021 | 40 | 8021 | 40 | Recording each patent assignment per property (times number of properties) | 40.00 |
| 1809 | 770 | 2809 | 385 | Filing a submission after final rejection (37 CFR 1.129(a)) | |
| 1810 | 770 | 2810 | 385 | For each additional invention to be examined (37 CFR 1.129(b)) | |
| 1801 | 770 | 2801 | 385 | Request for Continued Examination (RCE) | |
| 1802 | 900 | 1802 | 900 | Request for expedited examination of a design application | |

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 40.00)

SUBMITTED BY

Name (Print/Type) Kia SILVERBROOK

Registration No.
(Attorney/Agent)

(Complete if applicable)

Telephone 61298186633

Signature

Date

November 6, 2003

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS.

SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



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November 13, 2003

Commissioner of Patents and Trademarks
Washington DC 20231
USA

COPY

Dear Sir

16 New United States Patent Applications
Assignee: Silverbrook Research Pty Ltd

This letter accompanies 16 new patent applications.

One bank draft for the total amount of US\$13,000 is enclosed to cover filing and assignment fees for each of the 16 applications. Also attached is a list giving details of each application.

We look forward to receiving filing receipts in due course.

If you need to contact us in relation to the applications, please email my assistant, Leonie News at leonie.news@silverbrookresearch.com or by fax to +61 2 9555 7762.

Yours faithfully

Kia Silverbrook
Silverbrook Research Pty Ltd
kia.Silverbrook@silverbrookresearch.com

| | DOCKET NO | TITLE | INVENTORS | AMOUNT US\$ |
|----|--------------|--|---|-------------|
| 1 | ZG016 | A Thermal Bend Actuator and Control Circuitry for a Micro-Electromechanical Device | Kia Silverbrook | \$810.00 |
| 2 | ZG014 | A Micro-Electromechanical Device that Incorporates Covering Formations for Actuators of the Device | Kia Silverbrook | \$810.00 |
| 3 | ZG013 | A Micro-Electromechanical Assembly that Incorporates a Covering Formation for a Micro-Electromechanical Device | Kia Silverbrook | \$810.00 |
| 4 | ZG150 | Printhead Supporting Shell | Kia Silverbrook | \$810.00 |
| 5 | ZG111 | A Micro-Electromechanical Fluid Ejection | Kia Silverbrook | \$810.00 |
| 6 | ZG110 | A Micro-Electromechanical Drive Mechanism | Kia Silverbrook | \$810.00 |
| 7 | ZG109 | A Pagewidth Printhead Chip Having Symmetrically Actuated Fluid Ejection Components | Kia Silverbrook | \$810.00 |
| 8 | ZG174 | Stable Printhead Assembly | Kia Silverbrook | \$810.00 |
| 9 | ZF197 | A Micro-Electromechanical Device that Incorporates a Motion-Transmitting Structure | Kia Silverbrook | \$810.00 |
| 10 | ZG172 | Print Media Cartridge with Integral Print Media Transport Mechanism | Tobin Allen King and Kia Silverbrook | \$850.00 |
| 11 | ZG018 | Inkjet Printhead Chip Having Drive Circuitry for Pre-Heating Ink | Kia Silverbrook | \$810.00 |
| 12 | ZG173 | Printhead Capping Mechanism with Rotary Platen Assembly | Kia Silverbrook | \$810.00 |
| 13 | ZG010 | An Inkjet Printhead Assembly Having a Rotary Platen Assembly | Kia Silverbrook | \$810.00 |
| 14 | ZG011 | A Self-Cleaning Inkjet Printhead Assembly | Kia Silverbrook | \$810.00 |
| 15 | ZG012 | An Ink Jet Printer that Incorporates an Ink Distribution Assembly | Kia Silverbrook | \$810.00 |
| 16 | ZG176 | Laminated Support Structure for Silicon Printhead | Kia Silverbrook | \$810.00 |
| 17 | | | | \$13,000.00 |